

ABSTRACT OF THE DISCLOSURE

A process is described based on activities and dependence relationship between the activities. The dependence relationship is described based on resource and coordination method. An epistemological ground is set corresponding to the domain of the process and other components of the process are described for each epistemological ground. The epistemological grounds are classified according to abstract-concrete relationship, inclusion relationship, cluster relationship, etc., and are retrieved. The activity, dependence relationship, and resource also have classification structures. Setting an epistemological ground or using a global epistemological ground, the activity, dependence relationship, and resource are defined and the process is described and analyzed.